



RAW SEQUENCE LISTING **ERROR REPORT**

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Application Serial Number: 10/676,248
Source: O.P.E.
Date Processed by STIC: 10-27-03

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

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1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 10/08/03



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/676,248

DATE: 10/27/2003

TIME: 10:44:24

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Output Set: N:\CRF4\10272003\J676248.raw

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 4 Rogan, Peter
 5 Knoll, Joan
 7 <120> TITLE OF INVENTION: SUBTELOMERIC DNA PROBES AND METHOD OF PRODUCING SAME
 9 <130> FILE REFERENCE: 33026-PCT
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/676,248
 C--> 11 <141> CURRENT FILING DATE: 2003-09-30
 11 <150> PRIOR APPLICATION NUMBER: 60/415,345
 12 <151> PRIOR FILING DATE: 2002-09-30
 14 <150> PRIOR APPLICATION NUMBER: unknown
 15 <151> PRIOR FILING DATE: 2003-09-30
 17 <150> PRIOR APPLICATION NUMBER: 60/494,494
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Does Not Comply
 Corrected Diskette Needed
 P 6-8

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PATENT APPLICATION: US/10/676,248

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426 agacatacac acatccaaag agtacaaagt cagttgaaat tttatcaaaa ctggtcagat 960
428 gattattccc tctagtttac ttggagctaa ggactactta atttaccatg aagatatacg 1020
430 tatcaaaatg tcttgggttt aaatggaggg aaatactatt attcttacct aatagcaatt 1080
432 attaaaaaat gaaacacaaac actgttaact gaactgtaaa atgaattgag cttaggggtcc 1140
434 agaccagaaa atcagggtct ccagggaaaa taaaagttag cggctaaatt caaacctacc 1200
436 ttcttaaaca ccagtatcaa ataaagttaa catcacctaa gatcttctga acactgaaca 1260
438 cttcagaaca ctgaatccac ccaacaaaaa atcaaattta qgatctttca agtagaccca 1320
440 gtggaatgac aggcattgaa aatattttac attctgggtc gttactgtct gtggtcglgg 1380
442 ggaaatatic acgttaaaaa qattttcata taaaggcagt ttgtaagctt caggtgacgt 1440
444 tagattaaac ccaggctttg tttlggagga ctgttttaac ttcaccccal cacagatgtg 1500
446 ccttcttaga aaggagtccc tgtgggctca cagggcactg agctgccaag ggagctgctt 1560
448 accttgaggg actctgtttg cgagcccagc ccttgggtgc acagctccat cacgagtag 1620
450 gagcaaaacg tgtctcggac tttgtactga ctcacggcaa gaagccacaa ggcggggttg 1680

```

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<210> SEQ ID NO 176

<211> LENGTH: 30

<212> TYPE: DNA

<213> ORGANISM: Artificial Sequence

<220> FEATURE:

<223> OTHER INFORMATION: :

<400> SEQUENCE: 176

gtgtttgtca cccactct getctgccc

mandatory response.

see Page 9 of error

summary report.

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<210> SEQ ID NO 206

<211> LENGTH: 31

<212> TYPE: DNA

<213> ORGANISM: Artificial Sequence

<220> FEATURE:

<223> OTHER INFORMATION: :

<400> SEQUENCE: 206

gggaaatagt agcgttaagct gtcaacticca g

mandatory response

see page 9 of error summary report.

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/676,248DATE: 10/27/2003
TIME: 10:44:25Input Set : E:\Us3302~1.txt
Output Set: N:\CRF4\10272003\J676248.raw**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 1704,1705,1706,1707,1708,1709,1710,1711,1712,1713,1714,1715
Seq#:2; N Pos. 1716,1717,1718,1719,1720,1721,1722,1723,1724,1725,1726,1727
Seq#:2; N Pos. 1728,1729,1730,1731,1732,1733,1734,1735,1736,1737,1738,1739
Seq#:2; N Pos. 1740,1741,1742,1743,1744,1745,1746,1747,1748,1749,1750,1751
Seq#:2; N Pos. 1752,1753,1754,1755,1756,1757,1758,1759,1760,1761,1762,1763
Seq#:2; N Pos. 1764,1765,1766,1767,1768,1769,1770,1771,1772,1773,1774,1775
Seq#:2; N Pos. 1776,1777,1778,1779,1780,1781,1782,1783,1784,1785,1786,1787
Seq#:2; N Pos. 1788,1789,1790,1791,1792,1793,1794,1795,1796,1797,1798,1799
Seq#:2; N Pos. 1800,1801,1802,1803
Seq#:5; N Pos. 405,406,407,408,409,410,411,412,413,414,415,416,417,418,419
Seq#:5; N Pos. 420,421,422,423,424,425,426,427,428,429,430,431,432,433,434
Seq#:5; N Pos. 435,436,437,438,439,440,441,442,443,444,445,446,447,448,449
Seq#:5; N Pos. 450,451,452,453,454,455,456,457,458,459,460,461,462,463,464
Seq#:5; N Pos. 465,466,467,468,469,470,471,472,473,474,475,476,477,478,479
Seq#:5; N Pos. 480,481,482,483,484,485,486,487,488,489,490,491,492,493,494
Seq#:5; N Pos. 495,496,497,498,499,500,501,502,503,504
Seq#:19; N Pos. 1774,1775,1776,1777,1778,1779,1780,1781,1782,1783,1784,1785
Seq#:19; N Pos. 1786,1787,1788,1789,1790,1791,1792,1793,1794,1795,1796,1797
Seq#:19; N Pos. 1798,1799,1800,1801,1802,1803,1804,1805,1806,1807,1808,1809
Seq#:19; N Pos. 1810,1811,1812,1813,1814,1815,1816,1817,1818,1819,1820,1821
Seq#:19; N Pos. 1822,1823,1824,1825,1826,1827,1828,1829,1830,1831,1832,1833
Seq#:19; N Pos. 1834,1835,1836,1837,1838,1839,1840,1841,1842,1843,1844,1845
Seq#:19; N Pos. 1846,1847,1848,1849,1850,1851,1852,1853,1854,1855,1856,1857
Seq#:19; N Pos. 1858,1859,1860,1861,1862,1863,1864,1865,1866,1867,1868,1869
Seq#:19; N Pos. 1870,1871,1872,1873
Seq#:67; N Pos. 1473,1474,1475,1476,1477,1478,1479,1480,1481,1482,1483,1484
Seq#:67; N Pos. 1485,1486,1487,1488,1489,1490,1491,1492,1493,1494,1495,1496
Seq#:67; N Pos. 1497,1498,1499,1500,1501,1502,1503,1504,1505,1506,1507,1508
Seq#:67; N Pos. 1509,1510,1511,1512,1513,1514,1515,1516,1517,1518,1519,1520
Seq#:67; N Pos. 1521,1522,1523,1524,1525,1526,1527,1528,1529,1530,1531,1532
Seq#:67; N Pos. 1533,1534,1535,1536,1537,1538,1539,1540,1541,1542,1543,1544
Seq#:67; N Pos. 1545,1546,1547,1548,1549,1550,1551,1552,1553,1554,1555,1556
Seq#:67; N Pos. 1557,1558,1559,1560,1561,1562,1563,1564,1565,1566,1567,1568
Seq#:67; N Pos. 1569,1570,1571,1572
Seq#:245; N Pos. 1843

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103,104
Seq#:105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122
Seq#:123,124,125,126,127,128,129,130,131,132,133,134,135,136,137,138,139,140
Seq#:141,142,144,145,146,147,148,149,150,151,152,153,154,155,156,157,158,159
Seq#:160,161,162,163,164,165,166,167,168,169,170,171,172,173,174,175,177,178
Seq#:179,180,181,182,183,184,185,186,187,188,189,190,191,192,193,194,195,196

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/676,248

DATE: 10/27/2003
TIME: 10:44:25

Input Set : E:\Us3302~1.txt
Output Set: N:\CRF4\10272003\J676248.raw

Seq#:197,198,199,200,201,202,203,204,205,207,208,209,210,211,212,213,214,215
Seq#:216,217,218,219,220,221,222,223,224,225,226,227,228,229,230,231,232,233
Seq#:234,235,236,237,238,239,240,241,242,243,244

Use of <220> Feature (NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32) (Sec.1.823 of new Rules)

Seq#:176,206

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/676,248

DATE: 10/27/2003

TIME: 10:44:25

Input Set : E:\Us3302~1.txt

Output Set: N:\CRF4\10272003\J676248.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1680
M:341 Repeated in SeqNo=2
L:408 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:360
M:341 Repeated in SeqNo=5
L:1740 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19 after pos.:1740
M:341 Repeated in SeqNo=19
L:6473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:1440
M:341 Repeated in SeqNo=67
L:8676 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:143
L:9072 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:176
L:9074 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:176, <213>
ORGANISM:Artificial Sequence
L:9074 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:176, <213>
ORGANISM:Artificial Sequence
L:9074 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:176,Line#:9074
L:9429 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:206
L:9431 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:206, <213>
ORGANISM:Artificial Sequence
L:9431 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:206, <213>
ORGANISM:Artificial Sequence
L:9431 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:206,Line#:9431
L:9963 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:245 after pos.:1800